## Document Control

### Title

**Bed & Mattress Cleaning Standard Operating Procedure**

<table>
<thead>
<tr>
<th>Author</th>
<th>Author’s job title</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Lead Nurse Infection Prevention &amp; Control</td>
</tr>
<tr>
<td></td>
<td>IPC Nurse</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Directorate</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nursing</td>
<td>Infection Prevention &amp; Control</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Version</th>
<th>Date Issued</th>
<th>Status</th>
<th>Comment / Changes / Approval</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.1</td>
<td>March 2015</td>
<td>Draft</td>
<td>Initial Version for Consultation</td>
</tr>
<tr>
<td>1.0</td>
<td>Sept 2015</td>
<td>Final</td>
<td>Approved at IPCC</td>
</tr>
</tbody>
</table>
| 1.1     | August 2018 | Draft  | Minor amendments and updates to body of policy.
|         |             |        | Updates to appendix 2. Additional appendices 5 & 6 to
|         |             |        | provide information on discharge cleaning and Tristel
|         |             |        | cleaning of Beds, mattresses and rooms. Updates to
|         |             |        | references & links to associated documentation. |
| 2.0     | Dec 2018    | Final  | Approved at IPCC meeting 27th November 2018 with six
|         |             |        | month review date |

### Main Contact

**Lead Nurse Infection Prevention & Control (North)**

North Devon District Hospital
Raleigh Road
Barnstaple, North Devon, EX31 4JB

**Tel:** Direct Dial – Tel: Internal – Email:

### Lead Director

Director of Nursing

### Document Class

Standard Operating Procedure

### Target Audience

All clinical staff
Sodexo Bed Washers

### Distribution List

Senior Management

### Distribution Method

Trust’s internal website

### Superseded Documents

Issue Date: December 2018
Review Date: June 2019
Review Cycle: Six months

### Consulted with the following stakeholders

- Infection Prevention & Control Committee
- Sodexo
- Tissue Viability Lead Nurse
- Infection Control Team
- Facilities Managers

### Contact responsible for implementation and monitoring compliance:

Lead Nurse Infection Prevention & Control

### Education/ training will be provided by:

Infection Prevention & Control Team
<table>
<thead>
<tr>
<th>Approval and Review Process</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Infection Prevention &amp; Control Committee</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Local Archive Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>G:\INFECTION CONTROL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Local Path</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICMANUAL - POLICIES \NEWTEMPLATES FROM 2015\folder</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Filename</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bed Mattress cleaning SOP v2.0 Dec 18</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Policy categories for Trust’s internal website (Bob)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infection Prevention &amp; Control</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tags for Trust's internal website (Bob)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mattress cleaning, bed cleaning, DUO2, bariatric</td>
</tr>
</tbody>
</table>
CONTENTS

Document Control.............................................................................................................. 1

1. Background.................................................................................................................. 4

2. Purpose....................................................................................................................... 4

3. Scope .......................................................................................................................... 4

4. Location ...................................................................................................................... 4

5. Equipment .................................................................................................................. 4

Beds in use in the trust and covered in this document.................................................. 5

6. Routine cleans .......................................................................................................... 5

   6.1 Foam mattresses, including bariatric foam mattresses – routine clean .............. 6

   6.2 Pressure relieving DUO2– routine clean ............................................................. 6

   6.3 Tristel Clean ........................................................................................................ 6

   6.4 Foam mattresses including bariatric foam mattresses – enhanced clean .......... 7

   6.5 Pressure relieving DUO2– Tristel clean .............................................................. 7

   6.6 Totalcare Bariatric Bed Cleaning Instructions...................................................... 7

   6.7 Nursing Team Bed Space Cleaning Procedure.................................................... 8

7. Hand Hygiene ............................................................................................................ 8

8. References ................................................................................................................ 8

9. Associated Documentation ......................................................................................... 9
1. **Background**

2. **Purpose**
   
   2.1. The Standard Operating Procedure (SOP) has been written to:
   
   - Identify the procedure for ensuring that beds and mattresses are decontaminated appropriately following the discharge of a patient and prior to it being reused for the next patient. This document sets out Northern Devon Healthcare NHS Trust’s system for cleaning beds and mattresses in the acute and community hospitals.

3. **Scope**
   
   3.1. This Standard Operating Procedure (SOP) relates to the following staff groups who may be involved in cleaning beds and mattresses on the wards:
   
   - Registered nurses
   - Support workers
   - Sodexo cleaning staff

4. **Location**
   
   4.1. This Standard Operating Procedure detailing cleaning of beds and mattresses must be implemented in all clinical areas where the equipment identified in section 6 is used.

5. **Equipment**
   
   - Gloves and apron (PPE)
   - Detergent wipes (standard clean) OR disposable cloth with detergent & water
   - Disposable cloths and Tristel Jet/Fuse solution (enhanced clean)
   - Cleaning assurance tape / label

   Disposable cloths are provided in each cleaning cupboard for all bed washing at NDDH or from web basket for Community Hospitals.
Beds in use in the trust and covered in this document

- Foam mattresses and standard bed frames
- TotalCare DUO 2 (ICU) beds [link to guide on BOB]
- Standard Duo2
- Pro Axis Bariatric bed & mattress
- TotalCare Bariatric
- Montcalm Spirit and Volker HI-Lo beds
- Hill Rom Affinity (Delivery Beds) Models 3 & 4 [link to SOP]

Bed reporting and guides –
http://ndht.ndevon.swest.nhs.uk/back-care/bed-reporting-guides/

6. Routine cleans

Daily if any visible soiling, weekly or on discharge for a patient with no known or suspected infection risks.

This is the responsibility of nursing staff, additional resource is available at NDDH for discharge cleaning from the bed washing team during their working hours.

All bed frames should be routinely decontaminated daily with particular attention to frequently touched sites e.g. hand controls and side rails using detergent wipes. This is the responsibility of the Hotel Services/Sodexo teams.

- Unless there are additional bed washing facilities (which are available at specific hours at NDDH) it is the responsibility of nursing staff to clean mattresses which should be done thoroughly weekly and if any body fluid has made contact with the cover at any other time.
- Once cleaning is complete and the bed is not in use, label with the ‘I am clean’ tape or sticker, this should be signed and dated to indicate cleaning has taken place.

Ski sheets should be wiped down in between patients and as required during the patient stay with detergent and water/ detergent wipes. Laundering of ski sheets is required as part of a terminal cleaning following an outbreak; or discharge of a patient from an isolation side room. In Northern areas Ski sheets should be put in a rust coloured bag and labelled for Bideford Hospital laundry.
6.1 **Foam mattresses, including bariatric foam mattresses – routine clean**

Use detergent wipes to clean cover – must not be steam cleaned. DO NOT spray Tristel Jet directly on to the mattress covers.

- Check inside mattress at least weekly*
- Unzip the mattress cover and check inside for any signs of fluid ingress or stains:
  - **No fluid ingress or stains** – close the zip ensuring that the zip is protected by the flap.
  - **Staining / damage to the cover** – if the inside surface of the mattress cover or mattress foam is stained remove the whole mattress from service; place it in an orange or yellow disposal bag (available from Sodexo helpdesk). Inform nurse in charge to arrange removal from ward for disposal (Porters place bagged mattress in the covered disposal area on level 0).

6.2 **Pressure relieving DUO2 – routine clean**

Dynamic mattresses – these are to be cleaned and removed by nursing staff prior to bed space cleaning - Must not be steam cleaned. DO NOT spray Tristel Jet directly on to the mattress covers.

- Use detergent wipes to clean outer cover
- Check inside at least weekly and clean cells thoroughly with detergent wipes
- Check for ingress of body fluid and discard cover if this is seen, the cells should be cleaned and new cover applied. Community Hospitals should send DUO2 mattresses to Essential Healthcare for decontamination between patients if there are signs of bodily fluid ingress.

  See procedure on BOB for how to perform the clean

6.3 **Tristel Clean**

This should be done daily if any visible soiling, weekly or on discharge for all beds and mattresses. This applies to any mattress used on a patient who has known or suspected diarrhoea and/or vomiting, *C. difficile*, Norovirus, VRE (Vancomycin Resistant *Enterococci*) or at the request of the Infection Control Team.
6.4 Foam mattresses including bariatric foam mattresses – enhanced clean

- **DO NOT** spray Tristel Jet directly on to mattress covers, rinse with damp cloth and dry with paper towel.
- Alternatively use Tristel Fuse solution to clean cover
- Check for ingress of body fluid* and discard cover if this is seen. Apply new cover. (discard mattress also if staining seen)

*See – checking mattress 6.1 above

6.5 Pressure relieving DUO2– Tristel clean

- **DO NOT** spray Tristel Jet directly on to mattress covers, rinse with damp cloth and dry with paper towel.
- During the patient admission it is the responsibility of nursing staff to ensure the mattress is cleaned.
- On discharge the bed washing team at NDDH will clean the bed and mattress, in community hospitals mattresses should be bagged and sent to Essential Healthcare for thorough decontamination if visible ingress of bodily fluid is seen.
- The time taken to clean each bed wash or terminal cleans can vary according to request. The minimum time required to undertake the following procedure is 30 minutes.

**Dark blue covered Mattress**
When cleaning with Tristel fuse (*C. difficile*, Norovirus or D&V) wipe mattress with the solution then rinse off with water ensuring the mattress is left dry.

All equipment to be thoroughly cleaned and dried after use and put away.

6.6 Totalcare Bariatric Bed Cleaning Instructions

The *TotalCare bariatric* bed integrates the alternating mattress to the frame of the bed. As with standard beds and separate mattresses, both pieces require decontamination following completion of use with a patient or if visibly soiled.

The entire bed will be cleaned by Essential Healthcare call them direct to arrange collection (01271 344438 or 07967 148454).
6.7 Nursing Team Bed Space Cleaning Procedure

Nurses are responsible for ensuring that beds, mattresses and other bedspace patient equipment are decontaminated following the discharge of a patient and prior to it being reused for the next patient.

Bedwashing services provided by Sodexo at NDDH are there to support nurses in achieving their responsibilities and facilitate effective utilisation of beds. These services will be prioritised to the needs of the whole hospital and so may not be available immediately when a request is made by any particular Ward. If a bedspace clean is required before these services are available the Ward nursing team will need to undertake the cleaning.

Prioritisation of bedspace cleaning by Sodexo staff at NDDH will be undertaken by the Clinical Site Managers (bleep 500).

Decontamination:
Detergent and water/or detergent wipes will be used to clean bedspace equipment.

In addition disinfection using Tristel in the following circumstances:-

<table>
<thead>
<tr>
<th>Isolation rooms (source isolation only)</th>
<th>Tristel Fuse – use solution for all surfaces – see ‘How to use Tristel Fuse’ poster (Appendix 3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outbreak cleaning</td>
<td>Tristel Fuse – use solution for all surfaces – see ‘How to use Tristel Fuse’ poster below in this document</td>
</tr>
<tr>
<td>Visible blood or body fluid contamination</td>
<td>Tristel Jet – use to decontaminate the contaminated area only (‘spot cleaning’) – see ‘How to use Tristel Jet’ poster below in this document (Appendix 4)</td>
</tr>
</tbody>
</table>

7. Hand Hygiene

Hands must be decontaminated prior to putting on gloves and after completion of cleaning and removal of PPE as outlined in the Standard Infection Control Precautions Policy

8. References

- Hill-Rom contact number 01530 411000
- Essential Healthcare number – 01271 344438 or 07967 148454


9. Associated Documentation

Northern Devon Healthcare NHS Trust Policies for:

- Northern Devon Healthcare A – Z of cleaning
- Standard Infection Control Precautions Policy
- Room, Bed & Mattress Cleaning for Delivery Suite Standard Operating Procedures
- Decontamination Policy
- Evidencing Cleaning of shared patient equipment Standard Operating Procedure.
Appendix 1

How to check a mattress damage/strikethrough

Strikethrough allows contamination of the inside of the mattress. Strikethrough is a generic term used to identify situations where mattress covers have one or more leaks. The main cause of strikethrough is simple mechanical damage where the membrane of the cover is punctured, ripped or torn. Small holes (typically less than 3mm wide by 10mm long) can often be repaired by the application of a specialist hot melt patch (Hill-Rom offers a patching service as part of the overall laundry process¹). Mattress covers with larger holes must be replaced with new covers.

There are two main ways to identify leaks in mattress covers:

a) Light Test
   Unzip the cover and hold it up against a bright light. Look through the cover at the light. Any holes, rips or tears should be visible.

b) Water Test
   Thoroughly clean the top of the mattress cover with a neutral detergent solution then inspect the inside of the cover. Any leaks will be clearly visible as damp patches.

Either test will show holes, rips or tears in the cover. However, the Water Test is easier to use outside of a specialist laundry facility.

The surface of the mattress cover

Close up view of a small tear in the mattress membrane

Clearly visible damp patch (inside the cover) indicates that the mattress cover is leaking.

¹ Note: Patches reduce the vapour permeability of the cover. Hill-Rom do not recommend applying more than 10 small patches to a single mattress cover.
### Appendix 2: Quick Reference Guide for Bed & Mattress Decontamination

All beds & mattresses must be labelled when clean using green indicator tape or stickers before being removed from the ward or being sent to Essential Healthcare.

<table>
<thead>
<tr>
<th>Routine daily clean</th>
<th>Routine discharge clean</th>
<th>If ingress of body fluid through cover onto mattress</th>
<th>Use on patient with D+/or V, C. difficile; norovirus, VRE</th>
<th>Discharge clean for patient with IC risks D+/or V, C. difficile; norovirus, VRE, CRE or as advised by IPCN</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Foam mattresses including bariatric foam mattresses (on Pro Axis bed)</strong></td>
<td>Use detergent wipes to clean any visible soiling on cover. DO NOT spray Tristel Jet directly on to the mattress covers. Check inside mattress at least weekly. Check for ingress of body fluid and discard cover if this is seen. Apply new cover. (discard mattress also if staining seen)</td>
<td>Detergent wipes or solution Check for ingress of body fluid and discard cover if this is seen. Apply new cover, available via TV team. (discard mattress also if staining seen on the foam)</td>
<td>Discard mattress (yellow or orange mattress bags available from mattress store or via Sodexo Helpdesk)</td>
<td>Clean with Tristel Jet/Fuse daily Check for ingress of body fluid and discard mattress if this is seen (yellow or orange mattress bags available from mattress store or via Sodexo Helpdesk)</td>
</tr>
<tr>
<td><strong>Pressure relieving cell mattress (e.g. DUO 2)</strong></td>
<td>Use detergent wipes to clean outer cover. DO NOT spray Tristel Jet directly on to the mattress covers. Check inside at least weekly and clean cells with detergent wipes If ingress has occurred clean inner cells as above. Ensure new cover provided before the mattress is used with a new patient.</td>
<td>Detergent solution as per instructions in bed cleaning SOP on Bob</td>
<td>Community Hospitals only: Discard cover and send mattress to Essential Healthcare for decontamination</td>
<td>Community Hospitals only: Send to Essential Healthcare for decontamination</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TotalCare Bariatric Beds</td>
<td>Use detergent wipes to clean outer cover. DO NOT spray Tristel Jet directly on to the mattress covers, check inside at least weekly and clean cells with detergent wipes. <strong>NB:</strong> Visible contaminate must be removed before sending to Essential Healthcare.</td>
<td>Send whole bed to Essential Healthcare for decontamination.</td>
<td>Send whole bed to Essential Healthcare for decontamination.</td>
<td>Send whole bed to Essential Healthcare for decontamination.</td>
</tr>
</tbody>
</table>

Sodexo bed washers clean beds in set hours at NDDH. Outside these hours and in all Community Hospital settings responsibility lies with nursing staff to clean mattresses.

**Essential Healthcare contact number - 01271 344438 or 07967 148454**

**For further information refer to bed cleaning SOP or contact Tissue Viability Nurses/Infection Prevention & Control Team**
Appendix 3: How to use Tristel Fuse

Tristel Fuse™

for Surfaces

High-level disinfecting & sporicidal solution for preventing outbreaks and ward closures

1. Take one sachet to produce five litres of ClO₂ solution.
2. Fold in half and squeeze one side to burst contents through the centre seal. Contents will start to turn yellow.
3. Tear or cut the sachet.
4. Pour the contents into five litres of ambient water.
   **Note:** Do not use hot water.
5. Apply disinfectant to surfaces with a mop for floors or a cloth for damp dusting and leave to dry naturally.
6. Ensure a five minute contact time.

**Notes:**
- Make up solution in a well-ventilated area.
- Wear appropriate PPE. Refer to the Safety Data Sheet and to your hospital protocol.
- Store in original packaging in a cool, well-ventilated area out of direct sunlight.
- Once mixed, solution can be kept for up to 24 hours when stored in an air tight container.
- Dispose of empty packaging in accordance with local policy and national regulations.
- Avoid contact with skin and eyes. Contact with the disinfectant may cause irritation. Wash affected areas with plenty of soap and water.
- Rinse container with water after use,
- Do not use if packaging is damaged.
- For professional use only.
Appendix 4: How to use Tristel Jet

How to use Tristel Jet  
A disinfectant gel with sporicidal activity suitable for hard surface decontamination

Jet for small spillages of blood and body fluid
Disinfect contaminated hard surfaces using the disinfectant agent Tristel Jet
Always remove the spillage first with paper towels or detergent wipes
Apply to surface with minimum contact time of 60 seconds
1. Wear gloves and apron
2. Remove spillage of blood or body fluid using paper towels or detergent wipes
3. Apply two squirts of Tristel Jet onto a dry disposable cloth
4. Scrunch the cloth to evenly distribute the gel
5. Wipe the surface clean and allow to air dry
6. Dispose of cloth, gloves and aprons to orange or tiger stripe waste stream
7. Wash hands with soap and water
8. If necessary place a slip hazard sign until surface is dry

Jet for commodes
Decontaminate the commode after every use
If the commode is heavily soiled pre-clean it using a dampened disposable cloth
Apply to surface with minimum contact time of 60 seconds
1. Wear gloves and plastic apron
2. Apply two squirts of Tristel Jet onto a dry disposable cloth
3. Scrunch the cloth to evenly distribute the gel
4. Wipe commode starting from the chair back and armrests towards the seat and pan
5. Reapply gel if required
6. Invert the seat and clean underneath
7. Clean the pan carrier, lower frame, foot rest and wheels and allow to air dry
8. Dispose of cloths, gloves and aprons to orange or tiger stripe waste stream
9. Wash hands with soap and water
10. Apply a cleanliness indicator sticker or tape strip to the commode

Jet ordering supplies
It is the responsibility of wards and clinical departments to ensure supplies of Jet are available. Order through WebBasket:
- Jet Gel refill bottle – code FAK697
- Jet reusable trigger – code FAK688
- Jet Liquid refill bottle – code FAK13699
For professional use only
Appendix 5: Discharge cleaning of the Avant Guard electric profiling beds, mattresses and bed spaces / rooms:

Discharge cleaning of the Avant Guard electric profiling beds, mattresses and bed spaces / rooms:

This procedure must be carried out for discharge cleans in ALL wards and departments.

Discharge clean = No infection

Nurses are responsible for ensuring that beds, mattresses and other bedspace equipment are decontaminated following the discharge of a patient and prior to it being reused for the next patient.

Bedwashing services provided by Sodexo at NDDH are there to support nurses in achieving their responsibilities and facilitate effective utilisation of beds. These services will be prioritised to the needs of the whole hospital and so may not be available immediately when a request is made by any particular Ward. If a bedspace clean is required before these services are available the Ward nursing team will need to undertake the cleaning.

Note: for MRSA patients use discharge clean unless informed by the Infection Control Team.

Prioritisation of bedspace cleaning by Sodexo staff at NDDH will be undertaken by the Clinical Site Managers (bleep 500).

Decontamination:
Detergent and water/or detergent wipes will be used to clean bedspace equipment. In addition to detergent cleaning, disinfection must follow using Tristel in the following circumstances (see Tristel cleaning guide):

<table>
<thead>
<tr>
<th>Isolation room (source isolation only)</th>
<th>Tristel Fuse – use solution for all surfaces – see ‘How to use tristel Fuse’ poster (appendix 1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outbreak cleaning</td>
<td>Tristel Fuse – use solution for all surfaces – see ‘How to use tristel Fuse’ poster (appendix 2)</td>
</tr>
<tr>
<td>Visible blood or body fluid contamination</td>
<td>Tristel Jet – use to decontaminate the contaminated area only (‘spot cleaning’) – see ‘How to use Tristel Jet’ poster below in this document</td>
</tr>
</tbody>
</table>

The Microfibre system must not be used for bed washing.
Equipment required
Steam cleaner (Sodexo staff only)
Detergent D1+ diluted in a bucket of water.
Patient Line Ear Pads
Detergent wipes
Disposable cloth
Use appropriate PPE as required.

Setting up
Steam cleaner – Sodexo staff only - use steam cleaner only if trained to do so.
Plug in steam cleaner to warm up, ensure RCD is used.
If possible open window to ventilate area.
If using steam cleaner cover smoke detector with red cover.
Set up ‘Wet Floor’ warning signs around bay or at entrance of side room.

For ward staff use traditional cleaning method using detergent D1 diluted in a bucket of water / detergent wipes.

Cleaning Method
Proceed to detergent clean in the following order:

Duo2 mattress

If a Duo2 mattress is in place deflate and use detergent wipes to clean outer cover. DO NOT spray Tristel Jet directly onto the mattress cover as this will stain and damage the cover. Unzip the cover and check inside for signs of fluid ingress. If no signs of ingress clean with detergent wipes. If ingress has occurred remove and discard the cover, clean the inner cells as above and place a clean cover on the mattress (available from Sodexo help desk).

On completion of cleaning place the folded deflated mattress into Duo2 storage bag, label with green ‘I am clean’ sticker/label and request Porter to return the Duo2 to bed & mattress store.

If the DUO is faulty clean as above, report to Hill-Rom and tie a yellow ‘fault’ label to the handles of the storage bag making sure to include the reference number given by Hill-Rom when the bed was reported (Hill-Rom call centre - 01530 411000).

Chair
Steam clean or wipe clean checking for any dirt, marks/dust on wooden frames at the sides and underneath arms of chair. Ensure removable seat cushions are inverted and cleaned.

Bed
Switch off bed at plug and remove plug from wall.
Wipe the hand set with detergent.

Using handset adjust bed to a suitable height (work surface height). It will work on the battery power for 2 hours.

**Wipe the top of the mattress with detergent then unzip the mattress cover and check inside for any signs of fluid ingress or stains:**

- **No fluid ingress or stains** – close the zip ensuring that the zip is protected by the flap.
- **Staining / damage to the cover** – if the inside surface of the mattress cover or mattress foam is stained remove the whole mattress from service; place it in an orange or yellow disposal bag (available from Sodexo helpdesk). Inform nurse in charge to arrange removal from ward for disposal (Porters place bagged mattress in the covered disposal area on level 0).

Wipe clean all sides of pillows and place on clean chair.

Extend drip stand, steam or wipe wipe clean.

Raise up side rails and Mobibars steam or wipe clean all sides and lower by pressing in both buttons.

Clean top and sides of mattress with detergent
Lift/bend up bottom half of mattress.

Wipe under side of mattress and ski sheet using detergent

Remove base plates steam or wipe clean all sides with detergent, clean frame under base plates and replace base plates. Allow surfaces to air dry.

Pull out linen rack steam or wipe clean both sides and replace.

Ensure mattress is dry before lowering flat

Raise head end of bed using handset controller.

Lift/ Bend over mattress clean the underside and head end of mattress & ski sheet using detergent.
Replace mattress to original position.

Remove 3rd panel steam or wipe clean both sides and replace.

Steam and wipe clean back plate on both sides using detergent.

Remove and steam or wipe clean and replace.

Steam or wipe clean underside of bed and wheels.

Finally, when finished re-clean the hand set using detergent.

**Cleaning the bed space:**

Using detergent wipe clean ledge, overhead light and contents behind bed, dispose of oxygen mask/tubing, suction bottle and suction catheters.

Return bed to original place. Replace plug into socket and switch on.

**Table**

Steam or wipe clean table top, around frame & where bar fits into base including the under part of the table which can be accessed by lifting handle at side.

**Locker**

Steam or wipe clean all exterior and internal surfaces including lockable drawers using detergent. If any drawers are locked these must be opened and checked, ask the nurse in charge.
The locker bag should be replaced and any tape marks removed. Any personal items found in locker must be placed in a bag and handed to the nurse in charge of ward.

**Footstool**
Steam or wipe clean thoroughly all over.

**Hospedia TV & radio**
Using detergent wipe clean all equipment and replace ear foam after cleaning.

**Floor**
Static & steam clean / mop floor space.

**Side Rooms**
Ensure that all en-suite bathrooms are thoroughly cleaned including call bell and light pull.
Empty all waste bins
Discard and replace any toilet rolls that are not in covered holders

**Nurse call bell**
Wipe thoroughly with detergent.

**Bed space alcohol gel**
Using detergent, wipe the brackets and bottles.

**Mattress**

*Do not* steam clean the mattress.

Only change curtains and ski sheet if visibly soiled or if specified by the Infection Control Team.

**Reporting a Fault**
If you find a fault with a bed report to the nursing staff on ward stating the serial number of the bed. Label the bed Faulty with the yellow decontamination labels provided ensuring you state on that yellow label which (if any) parts of the bed you were unable to clean because of the fault.

**Bed space alcohol gel**
Using detergent, wipe the brackets and bottles.

**All equipment must be thoroughly cleaned, dried and put away after use.**
High-level disinfecting & sporicidal solution for preventing outbreaks and ward closures

1. Take one sachet to produce five litres of CLO solution.

2. Fold in half and squeeze one side to burst contents through the centre seal. Contents will start to turn yellow.

3. Tear or cut the sachet.

4. Pour the contents into five litres of ambient water.
   **Note:** Do not use hot water.

5. Apply disinfectant to surfaces with a mop for floors or a cloth for damp dusting and leave to dry naturally.

6. Ensure a five minute contact time.

**Notes:**
- Make up solution in a well-ventilated area.
- Wear appropriate PPE. Refer to the Safety Data Sheet and to your hospital protocol.
- Store in original packaging in a cool, well-ventilated area out of direct sunlight.
- Once mixed, solution can be kept for up to 24 hours when stored in an airtight container.
- Dispose of empty packaging in accordance with local policy and national regulations.
- Avoid contact with skin and eyes. Contact with the disinfectant may cause irritation.
- Wash affected areas with plenty of soap and water.
- Rinse container with water after use.
- Do not use if packaging is damaged.
- For professional use only.
How to use Tristel Jet
A disinfectant gel with sporicidal activity suitable for hard surface decontamination

Jet for small spillages of blood and body fluid

Disinfect contaminated hard surfaces using the disinfectant agent Tristel Jet
Always remove the spillage first with paper towels or detergent wipes
Apply to surface with minimum contact time of 60 seconds
1. Wear gloves and apron
2. Remove spillage of blood or body fluid using paper towels or detergent wipes
3. Apply two squirts of Tristel Jet onto a dry disposable cloth
4. Scrunch the cloth to evenly distribute the gel
5. Wipe the surface clean and allow to air dry
6. Dispose of cloth, gloves and aprons to orange or tiger stripe waste stream
7. Wash hands with soap and water
8. If necessary place a slip hazard sign until surface is dry

Jet for commodes
Decontaminate the commode after every use
If the commode is heavily soiled pre-clean it using a dampened disposable cloth
Apply to surface with minimum contact time of 60 seconds
1. Wear gloves and plastic apron
2. Apply two squirts of Tristel Jet onto a dry disposable cloth
3. Scrunch the cloth to evenly distribute the gel
4. Wipe commode starting from the chair back and armrests towards the seat and pan
5. Reapply gel if required
6. Invert the seat and clean underneath
7. Clean the pan carrier, lower frame, foot rest and wheels and allow to air dry
8. Dispose of clothes, gloves and aprons to orange or tiger stripe waste stream
9. Wash hands with soap and water
10. Apply a cleanliness indicator sticker or tape strip to the commode

Jet ordering supplies
It is the responsibility of wards and clinical departments to ensure supplies of Jet are available. Order through Web Basket:
- Jet Gel refill bottle – code FA1697
- Jet reusable trigger – code FA1688
- Jet Liquid refill bottle – code FA13699

For professional use only
Appendix 6: Tristel cleaning for Avant Guard electric profiling beds & mattresses

Tristel cleaning for Avant Guard electric profiling beds & mattresses:

This procedure must be used where cleaning using Tristel Fuse has been requested by infection control team, clinical site management team, ward staff or hotel services department.

Tristel Clean = D & V, C Diff, Norovirus or at the request of the Infection control Team.

Note: MRSA patients do not require a Tristel Fuse clean or curtain change (unless infection control request)

Equipment required

- Disposable cloths
- Tristel Fuse (add 1 sachet of Fuse to 5 litres of cold water – see poster at end of this document)
- Yellow large & small buckets
- Patient Line Ear Pads
- Appropriate PPE as required
- Clean Curtains & Ski Sheet.

Setting up

Before commencing your clean with Tristel, ensure you ventilate room by opening window/or door

Set up ‘Wet Floor’ warning signs around bay or at entrance of side room.

Cleaning Method

Proceed to Tristel clean in the following order

Chair

Using the Tristel Fuse solution wipe clean all over, checking for any marks/dust on wooden frames at the sides and underneath. Ensure removable seat cushions are inverted and cleaned.
Bed

Switch off bed at plug and remove plug from wall.

Wipe the handset with detergent

Using handset adjust bed to a suitable height (work surface height). It will work on battery power for two hours.

Wipe the top of the mattress with detergent then unzip the mattress cover and check inside for any signs of fluid ingress or stains:

- **No fluid ingress or stains** – close the zip ensuring that the zip is protected by the flap.
- **Staining / damage to the cover** – if the inside surface of the mattress cover or mattress foam is stained remove the whole mattress from service; place it in an orange or yellow disposal bag (available from Sodexo helpdesk). Inform nurse in charge to arrange removal from ward for disposal (Porters place bagged mattress in the covered disposal area on level 0).

With Tristel Fuse solution wipe clean all sides of pillows and place on chair.

Extend drip stand and wipe clean.

Raise up side rails and Mobibars wipe clean all sides and lower by pressing in both buttons.

Clean top and sides of mattress with Tristel Fuse solution
Lift/bend up bottom half of mattress.

Remove Ski Sheet for laundry

Wipe underside of mattress with Tristel Fuse solution.

Remove base plates and clean all sides with the Tristel Fuse solution using disposable J Cloths, clean frame under base plates and replace base plates. Allow Tristel wiped surfaces to air dry.

Pull out linen rack and wipe clean both sides and replace.
Rinse the mattress by wiping cover over with damp cloth (water only) and dry underside of mattress before lowering mattress flat onto bed base which must be dry.

Raise head end of bed using handset controller.

Lift/ Bend over mattress clean underside and head end of mattress with Tristel Fuse repeating the rinse and dry off procedure as before for the lower half.

Replace mattress to original position then rinse and dry off the top surface of the mattress.

Replace ski sheet.

Using Tristel Fuse solution:
- Remove 3rd panel wipe clean both sides, and replace.
- Wipe clean back plate both sides
- Remove head board wipe clean replace.
- Wipe clean underside of bed and wheels.
- Finally, when finished re-clean the handset using Tristel.

Leave it all to air dry

Cleaning the bed space
Use Tristel Fuse solution for the following and leave to air dry:

- Wipe clean ledge, overhead light and contents behind bed, dispose of oxygen mask/tubing, suction bottle and suction catheters.
- Return bed to original place. Replace plug into socket and switch on.

**Table**

- Wipe clean table top, around frame & where bar fits into base including the under part of the table which can be accessed by lifting handle at side.

**Locker**

- Wipe clean all exterior and internal surfaces including lockable drawers using detergent. If any drawers are locked these **must** be opened and cleaned, ask the nurse in charge if unable to access.
- The locker bag should be replaced and any tape marks removed.
- Any personal items found in locker must be placed in a bag and handed to the nurse in charge of ward.

**Footstool**

- Wipe clean thoroughly all over.

**Hospedia TV & radio**

- Wipe all equipment and replace ear foam after cleaning.

**Floor**

- Static & mop floor space using Tristel (yellow mop & bucket)

**Side Rooms**

- Ensure that all en-suite bathrooms are thoroughly cleaned including call bell and light pull.
- Empty all waste bins
- Discard and replace any toilet rolls that are not in covered holders

**Nurse call bell**

- Wipe thoroughly with Tristel.

**Bed space alcohol gel**

- Using detergent, wipe the brackets and bottles.
**Reporting a fault**

If you find a fault with a bed report to the nursing staff on ward stating the serial number of the bed. Label the bed Faulty with the yellow decontamination labels provided ensuring you state on that yellow label which (if any) parts of the bed you were unable to clean because of the fault.

**Curtains**

As a rule all Tristel cleaning requires the curtains in single rooms or around bed spaces to be changed unless directed otherwise by the IPC team.

**Dynamic mattresses**

These are to be cleaned using either Tristel jet or Tristel Fuse solution and removed by nursing staff prior to bed space cleaning – These mattresses must not be steamed cleaned.

**All equipment must be thoroughly cleaned, dried and put away after use.**
How to use Tristel Fuse
A disinfectant with sporidical activity suitable for hard surface decontamination

For isolation room & outbreak ward decontamination routines

- Store in original packaging out of direct sunlight in a locked sluice cupboard or cleaning room.
- Once mixed, the solution should be used and remainder discarded to drain, though it can be kept for up to 24 hours but only in an airtight and appropriately labelled container.

General surface cleaning
1. Wear gloves and apron
2. Take one Fuse sachet to produce 5 litres of ClO₂ solution
3. Fold in half and gently squeeze one side pushing contents through centre seal turning mixture yellow
4. Hold sachet away from face and close to bucket of fresh cold water, and cut or tear sachet
5. Pour contents into 5 litres of cold water
6. Apply Tristel Fuse using yellow microfibre cloths and floor mops
7. Send used microfibre cloths for in-house laundry
8. Discard remaining Fuse solution
9. Store bucket upside down to dry
10. Discard gloves and apron to orange waste stream
11. Wash hands with soap and water
12. If necessary place a slip hazard sign until surface is dry

Large spillage cleaning
1. Wear gloves and apron
2. Remove spillage of blood or body fluid using absorbent paper or white disposable mop and bucket of detergent and water solution
3. Take one Fuse sachet to produce 5 litres of ClO₂ solution
4. Fold in half and gently squeeze one side pushing contents through centre seal turning mixture yellow
5. Hold sachet away from face and close to bucket of fresh cold water, and cut or tear sachet
6. Pour contents into 5 litres of cold water
7. Using a white disposabale mop clean the surface and allow to air dry
8. Discard remaining Fuse solution
9. Store bucket upside down to dry
10. Dispose of white mophead, gloves and apron to orange or tiger stripe waste stream
11. Wash hands with soap and water
12. If necessary place a slip hazard sign until surface is dry

Fuse ordering supplies
- It is the responsibility of wards and clinical departments to ensure supplies of Fuse are available.
- Orderthrough Web: Basket: HSEUnfragranced - Box of 40 sachets - code 1A1653

Fusion Disinfectant Limited, Ipes Business Park, Poundon Road, Didcot, Oxfordshire, OX11 8PC. Tel: +44 (0) 1235 355333 Fax: +44 (0) 1235 355313 Email: sales@fusion.co.uk Web: www.fusion.co.uk